



## Local Situation Report

Prepared: 08\_02\_2012 @ 0730

| Local | GACC | Nat'l |
|-------|------|-------|
| 3     | 3    | 2     |

**Today's Fire Danger**  
**VERY HIGH/EXTREME**

## INCIDENT SUMMARY for Yesterday

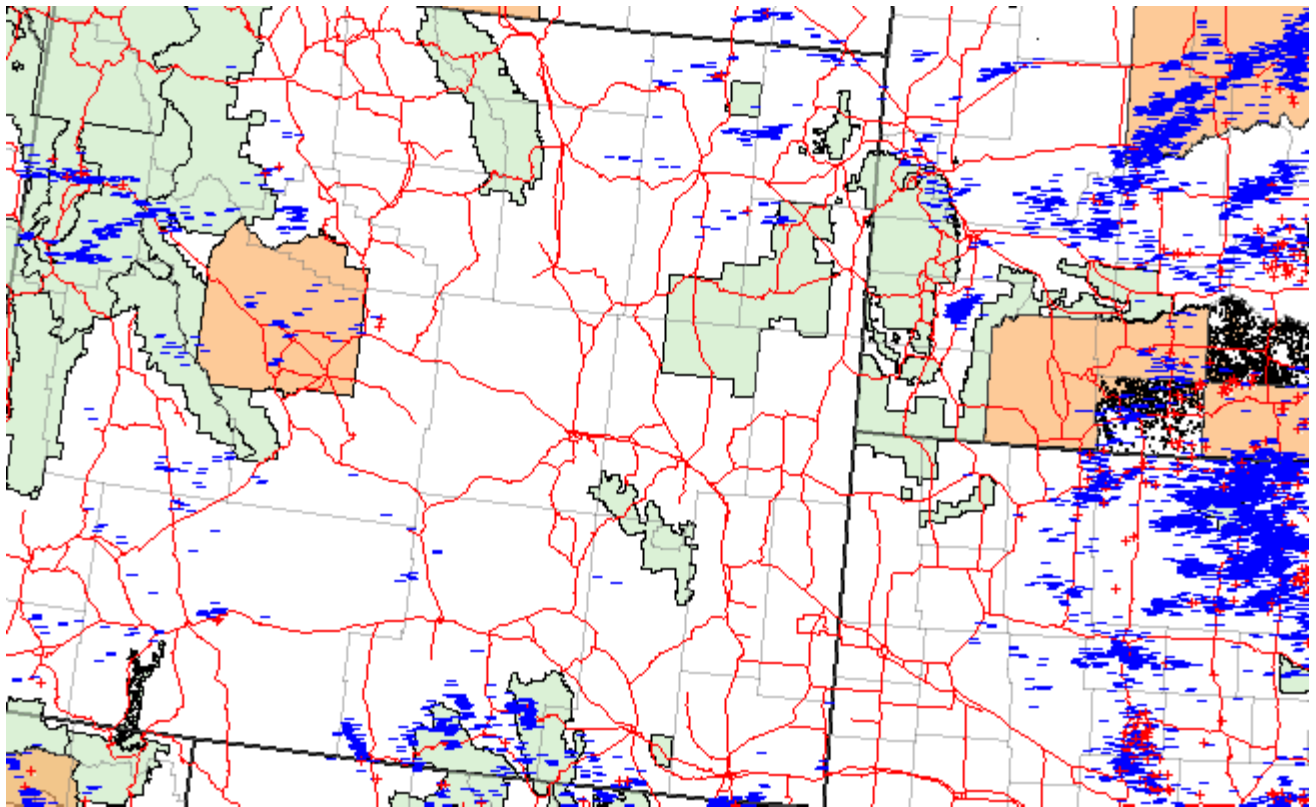
| COUNTY AND STATE FIRES |                 |             |              |               |                 |                |
|------------------------|-----------------|-------------|--------------|---------------|-----------------|----------------|
| <u>Unit</u>            | <u>Inc Name</u> | <u>Size</u> | <u>Cause</u> | <u>Status</u> | <u>Location</u> | <u>Remarks</u> |
|                        |                 |             |              |               |                 |                |
|                        |                 |             |              |               |                 |                |

| MED BOW NATIONAL FOREST |                 |                        |              |               |                     |  |
|-------------------------|-----------------|------------------------|--------------|---------------|---------------------|--|
| <u>Unit</u>             | <u>Inc Name</u> | <u>Size</u><br>(Acres) | <u>Cause</u> | <u>Status</u> | <u>Location</u>     | <u>Remarks</u>                                       |
| MBF                     | S Curve         | .5                     | H            |               | T16N R78W<br>Sec29  | Engine 651, 261, and county resources                |
| MBF                     | S Curve #2      | .1                     | H            |               | T16N R78W<br>Sec 19 | Engine 651 and 652                                   |
| CMX                     | MM 48           | 1                      | H            |               | T42N R71W<br>Sec 2  | Engine 492, severity resources, and county responded |

| WHPD BLM    |                 |             |              |               |                 |                |
|-------------|-----------------|-------------|--------------|---------------|-----------------|----------------|
| <u>Unit</u> | <u>Inc Name</u> | <u>Size</u> | <u>Cause</u> | <u>Status</u> | <u>Location</u> | <u>Remarks</u> |
|             |                 |             |              |               |                 |                |
|             |                 |             |              |               |                 |                |

**Area Discussion:**

Overall, a quiet day in the zone, with only 3 new fires and one false alarm. Today Red Flag warnings for Wind and low RH return. Lots of aircraft and misc. resources in the zone.

**Lightning Map (last night):**

## INDICES (forecasted / actual)

| <u>FDRA</u>    | Predicted Today |            |        |
|----------------|-----------------|------------|--------|
|                | Indices         | Forecasted | Actual |
| Echeta         | BI              | 95         | 136    |
| Rochelle Hills | BI              | 66         | 73     |
| Rochelle Hills | ERC             | 20         | 23     |
| Poker Creek    | ERC             | 82         | 84     |
| Casper Mtn     | ERC             | 80         | 81     |
| Fales Rock     | BI              | 100        | 100    |
| Esterbrook     | ERC             | 19         | 19     |
| Sawmill Park   | ERC             | 42         | 39     |

## Duty Officers for Today:

|                             |               |                  |
|-----------------------------|---------------|------------------|
| <b><u>Duty Officers</u></b> | FS - Laramie  | <b>Hood</b>      |
|                             | FS - Saratoga | <b>Hood</b>      |
|                             | FS - Douglas  | <b>Westbrook</b> |
|                             | BLM           | <b>Ellis</b>     |
|                             | State         | <b>Graham</b>    |
|                             | FS – MBF NF   | <b>Bentley</b>   |

|   |                       |                            |        |
|---|-----------------------|----------------------------|--------|
| <b>Local<br/>Aviation<br/>Resources</b> |                       | Location                   | Status |
|   | 2TJ (Duncan)<br>State | <b>Duncan<br/>Helibase</b> |        |
|   | 3BH (Rawlins)<br>BLM  |                            |        |
|   | 8MC (Ft.<br>Wash) BIA |                            |        |
|   |                       |                            |        |
|   |                       |                            |        |

## Pumpkin Time for Aircraft for Today:

|          | Sunrise | Sunset | Pumpkin Time |
|----------|---------|--------|--------------|
| Gillette | 0551    | 2025   | <b>2055</b>  |
| Casper   | 0558    | 2024   | <b>2054</b>  |
| Glenrock | 0556    | 2022   | <b>2052</b>  |
| Laramie  | 0559    | 2017   | <b>2047</b>  |
|          |         |        |              |
|          |         |        |              |

## Fire Restriction for the zone:

| Agency | Date     | Closed | Remarks                                    |
|--------|----------|--------|--|
| WY-PLX | 04/03/12 |        | Platte County Burn Ban                     |
| WY-WEX | 05/01/12 |        | Weston County under open Burn Restrictions |
| WY-ALX | 06/15/12 |        | Albany County                              |
| WY-NAX |          |        | Natrona County                             |
|        |          |        |  |
|        |          |        |  |

# Weather Discussion

Discussion: Zone 307

Medicine Bow N.F.

.DISCUSSION...LOW HUMIDITIES AND GUSTY WINDS WILL PRODUCE CRITICAL FIRE WEATHER CONDITIONS THIS AFTERNOON AND EVENING FOR PART OF SOUTHEAST WYOMING. EXPECT ISOLATED TO SCATTERED AFTERNOON AND EARLY EVENING THUNDERSTORMS EAST OF INTERSTATE 25. ON FRIDAY...A COLD FRONT WILL SAG SOUTHWARD ACROSS MUCH OF SOUTHEAST WYOMING WITH DRY CONDITIONS DUE TO LIMITED LOW AND MID LEVEL MOISTURE. THE COLDER AIR WILL FILTER IN FRIDAY NIGHT AND SATURDAY WITH A COOLER AND MORE STABLE AIRMASS IN PLACE...BEFORE ANOTHER WARMING TREND DEVELOPS SUNDAY INTO NEXT WEEK.

ISSUED BY WFO CHEYENNE

WYZ307 -

SNOWY RANGE/MEDICINE BOW NF-

429 AM MDT THU AUG 2 2012

|                        |                        | Today   | Tonight   |
|------------------------|------------------------|---|---|
| <b>Sky WX</b>          |                        | PARTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200              | Mostly Clear  |
| <b>MAX Temp</b>        | <b>Valleys:</b>        | 72-80   | 46-52.  |
|                        | <b>Ridges:</b>         |   |   |
| <b>Min. RH</b>         | <b>Valleys:</b>        | 15-21   | 51-57 PERCENT                                       |
|                        | <b>Ridges:</b>         |   |   |
| <b>Winds</b>           | <b>20 Ft. Winds</b>    | WEST 10 TO 20 MPH WITH GUSTS TO AROUND 40 MPH.                            | SOUTHWEST 10 TO 20 MPH WITH GUSTS TO AROUND 40 MPH. |
|                        | <b>Transport winds</b> | SOUTHWEST AROUND 15 MPH INCREASING TO WEST AROUND 25 MPH IN THE AFTERNOON | SOUTHWEST 15 TO 20 MPH                              |
| <b>LAL:</b>            |                        | 1 until 1200, then 3  | 1   |
| <b>Chance of Rain:</b> |                        | 5%  | 0%  |
| <b>Haines:</b>         |                        | 4   | 5   |

# Weather Discussion

Discussion: Zone 301

Niobrara /lower elevations of Converse County/TBNG

RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 9 PM MDT  
THIS EVENING FOR PART OF SOUTHEAST WYOMING

.DISCUSSION...LOW HUMIDITIES AND GUSTY WINDS WILL PRODUCE CRITICAL FIRE WEATHER CONDITIONS THIS AFTERNOON AND EVENING FOR PART OF SOUTHEAST WYOMING. EXPECT ISOLATED TO SCATTERED AFTERNOON AND EARLY EVENING THUNDERSTORMS EAST OF INTERSTATE 25. ON FRIDAY...A COLD FRONT WILL SAG SOUTHWARD ACROSS MUCH OF SOUTHEAST WYOMING WITH DRY CONDITIONS DUE TO LIMITED LOW AND MID LEVEL MOISTURE. THE COLDER AIR WILL FILTER IN FRIDAY NIGHT AND SATURDAY WITH A COOLER AND MORE STABLE AIRMASS IN PLACE...BEFORE ANOTHER WARMING TREND DEVELOPS SUNDAY INTO NEXT WEEK.

...RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 9 PM MDT  
THIS EVENING...

|                        |                     | Today  | Tonight                     |
|------------------------|---------------------|--|-----------------------------|
| <b>Sky WX</b>          |                     | PARTLY CLOUDY. ISOLATED SHOWERS AND THUNDERSTORMS AFTER 1200. SOME THUNDERSTORMS MAY PRODUCE DAMAGING WINDS AND LARGE HAIL AFTER 1200. | Mostly Clear                |
| <b>MAX Temp</b>        | <b>Valleys:</b>     | 92-97  | 58-63                       |
|                        | <b>Ridges:</b>      |  |                             |
| <b>Min. RH</b>         | <b>Valleys:</b>     | 8-14   | 47-53                       |
|                        | <b>Ridges:</b>      |  |                             |
| <b>Winds</b>           | <b>20 Ft. Winds</b> | SOUTHEAST UP TO 15 MPH SHIFTING TO THE SOUTHWEST IN THE AFTERNOON. GUSTS UP TO 35 MPH  | WEST UP TO 15 MPH AND GUSTY |
|                        | <b>Transport</b>    | SOUTHEAST AROUND 15 MPH SHIFTING TO THE SOUTHWEST IN THE AFTERNOON   | WEST 10 TO 15 MPH           |
| <b>LAL:</b>            |                     | 2  | 2 until 2400, then 1        |
| <b>Chance of Rain:</b> |                     | 0%   | 0%                          |
| <b>Haines:</b>         |                     | 4  | 6                           |

# Weather Discussion

Discussion:

Natrona Co./Casper BLM (ZONES 280,281,285,289 AND 300)

...RED FLAG WARNING FROM NOON TODAY UNTIL 9 P.M. FRIDAY FOR ZONE 289...

A DRIER WESTERLY FLOW WILL DEVELOP TODAY AHEAD OF AN APPROACHING CANADIAN COLD FRONT. GUSTY WEST TO SOUTHWEST WINDS WITH RELATIVE HUMIDITIES FROM 10 TO 20 PERCENT WILL PREVAIL ACROSS MOST OF THE DISTRICT THIS AFTERNOON. THESE DRY...WARM AND WINDY CONDITIONS WILL RE-DEVELOP FRIDAY AFTERNOON ACROSS MAINLY ZONES 289. A COLD FRONT WILL PLUNGE SOUTH ACROSS THE MOST OF THE DISTRICT BY NOON FRIDAY WITH A SHARP WIND SHIFT FROM THE NORTH ALONG WITH INCREASING CLOUDS AND SHOWERS...POSSIBLY A THUNDERSTORM OR TWO. DRY...STABLE AND COOLER WEATHER WILL FOLLOW ON SATURDAY WITH SURFACE WIND FROM THE NORTH TO NORTHEAST.

...RED FLAG WARNING IN EFFECT FROM NOON TODAY TO 9 PM MDT THIS EVENING...

|                        |                     | Today  | Tonight  |
|------------------------|---------------------|--|--|
| <b>Sky WX</b>          |                     | Mostly Sunny   | Clear  |
| <b>MAX Temp</b>        | <b>Valleys:</b>     | 88-93  | 57-62  |
|                        | <b>Ridges:</b>      |  |  |
| <b>Min. RH</b>         | <b>Valleys:</b>     |  | 36-42 PERCENT  |
|                        | <b>Ridges:</b>      |  |  |
| <b>Winds</b>           | <b>20 Ft. Winds</b> | UPSLOPE/UPVALLEY 5-9 MPH UNTIL 0900...THEN WEST 10 TO 15 MPH WITH GUSTS TO AROUND 30 MPH | NORTHWEST WINDS 10 TO 15 MPH WITH GUSTS TO AROUND 25 MPH UNTIL 0300, THEN DOWNSLOPE/DOWNVALLEY 4-7 MPH |
|                        | <b>Ridges</b>       | SOUTHWEST 10 TO 15 MPH UNTIL 1200...THEN WEST 20 TO 25 MPH.                              | NORTHWEST 15 TO 20 MPH UNTIL 0300, THEN SOUTHWEST  |
| <b>LAL:</b>            |                     | 1  | 1  |
| <b>Chance of Rain:</b> |                     | 0%   | 0%   |
| <b>Haines:</b>         |                     | 5  | 6  |